INDEX

Ashurst, W. T. *See* Kerstein, Ashurst, Wunsch & Nilsen

Bewley, T. R., Moin, P. & Temam, R. DNS-based predictive control of turbulence: an optimal benchmark for feedback algorithms, 179–225

Blondeaux, P. *See* Roos & Blondeaux

Boersma, J. *See* Wood & Boersma

Clamond, D. & Grue, J. A fast method for fully nonlinear water-wave computations, 337–355

Cui, A. & Street, R. L. Large-eddy simulation of turbulent rotating convective flow development, 53–84

Dubey, A. *See* Young, Tufo, Dubey & Rosner

Grue, J. *See* Clamond & Grue

Hallworth, M. A., Huppert, H. E. & Ungarish, M. Axisymmetric gravity currents in a rotating system: experimental and numerical investigations, 1–29

Hogg, A. McC., Winters, K. B. & Ivey, G. N. Linear internal waves and the control of stratified exchange flows, 357–375

Huppert, H. E. *See* Hallworth, Huppert & Ungarish

Hureau, J. *See* Weber & Hureau

Hussain, F. *See* Pradeep & Hussain

Ivey, G. N. *See* Hogg, Winters & Ivey

Kerstein, A. R., Ashurst, W. T., Wunsch, S. & Nilsen, V. One-dimensional turbulence: vector formulation and application to free shear flows, 85–109

Longuet-Higgins, M. S. Asymptotic forms for jets from standing waves, 287–297

Lorenzani, S. & Tilgner, A. Fluid instabilities in precessing spheroidal cavities, 111–128

Machu, G., Meile, W., Nitsche, L. C. & Schaflinger, U. Coalescence, torus formation and breakup of sedimenting drops: experiments and computer simulations, 299–336

Meile, W. *See* Machu, Meile, Nitsche & Schaflinger

Miles, J. A note on surface waves generated by shear-flow instability, 173–177

Moin, P. *See* Bewley, Moin & Temam

Nilsen, V. *See* Kerstein, Ashurst, Wunsch & Nilsen

Nitsche, L. C. *See* Machu, Meile, Nitsche & Schaflinger

Pradeep, D. S. & Hussain F. Core dynamics of a strained vortex: instability and transition, 247–285

Roos, P. C. & Blondeaux, P. Sand ripples under sea waves. Page 4. Tile ripple formation, 227–246

Rosner, R. *See* Young, Tufo, Dubey & Rosner

Schaflinger, U. *See* Machu, Meile, Nitsche & Schaflinger

Sharpe, G. J. Transverse waves in numerical simulations of cellular detonations, 31–51

Street, R. L. *See* Cui & Street

Temam, R. *See* Bewley, Moin & Temam

Tilgner, A. *See* Lorenzani & Tilgner

Tufo, H. *See* Young, Tufo, Dubey & Rosner

Ungarish, M. *See* Hallworth, Huppert & Ungarish

Weber, R. & Hureau, J. Ideal fluid flow past obstacles in an arbitrary channel: comparison of numerical and experimental results, 129–148

Winters, K. B. *See* Hogg, Winters & Ivey

Wood, D. H. & Boersma, J. On the motion of multiple helical vortices, 149–171

Wunsch, S. *See* Kerstein, Ashurst, Wunsch & Nilsen

Young, Y.-N., Tufo, H., Dubey, A. & Rosner, R. On the miscible Rayleigh–Taylor instability: two- and three-dimensions, 377–408

INDEX

Ashurst, W. T. *See* Kerstein, Ashurst, Wunsch & Nilsen

Bewley, T. R., Moin, P. & Temam, R. DNS-based predictive control of turbulence: an optimal benchmark for feedback algorithms, 179–225

Blondeaux, P. *See* Roos & Blondeaux

Boersma, J. *See* Wood & Boersma

Clamond, D. & Grue, J. A fast method for fully nonlinear water-wave computations, 337–355

Cui, A. & Street, R. L. Large-eddy simulation of turbulent rotating convective flow development, 53–84

Dubey, A. *See* Young, Tufo, Dubey & Rosner

Grue, J. *See* Clamond & Grue

Hallworth, M. A., Huppert, H. E. & Ungarish, M. Axisymmetric gravity currents in a rotating system: experimental and numerical investigations, 1–29

Hogg, A. McC., Winters, K. B. & Ivey, G. N. Linear internal waves and the control of stratified exchange flows, 357–375

Huppert, H. E. *See* Hallworth, Huppert & Ungarish

Hureau, J. *See* Weber & Hureau

Hussain, F. *See* Pradeep & Hussain

Ivey, G. N. *See* Hogg, Winters & Ivey

Kerstein, A. R., Ashurst, W. T., Wunsch, S. & Nilsen, V. One-dimensional turbulence: vector formulation and application to free shear flows, 85–109

Longuet-Higgins, M. S. Asymptotic forms for jets from standing waves, 287–297

Lorenzani, S. & Tilgner, A. Fluid instabilities in precessing spheroidal cavities, 111–128

Machu, G., Meile, W., Nitsche, L. C. & Schaflinger, U. Coalescence, torus formation and breakup of sedimenting drops: experiments and computer simulations, 299–336

Meile, W. *See* Machu, Meile, Nitsche & Schaflinger

Miles, J. A note on surface waves generated by shear-flow instability, 173–177

Moin, P. *See* Bewley, Moin & Temam

Nilsen, V. *See* Kerstein, Ashurst, Wunsch & Nilsen

Nitsche, L. C. *See* Machu, Meile, Nitsche & Schaflinger

Pradeep, D. S. & Hussain F. Core dynamics of a strained vortex: instability and transition, 247–285

Roos, P. C. & Blondeaux, P. Sand ripples under sea waves. Page 4. Tile ripple formation, 227–246

Rosner, R. *See* Young, Tufo, Dubey & Rosner

Schaflinger, U. *See* Machu, Meile, Nitsche & Schaflinger

Sharpe, G. J. Transverse waves in numerical simulations of cellular detonations, 31–51

Street, R. L. *See* Cui & Street

Temam, R. *See* Bewley, Moin & Temam

Tilgner, A. *See* Lorenzani & Tilgner

Tufo, H. *See* Young, Tufo, Dubey & Rosner

Ungarish, M. *See* Hallworth, Huppert & Ungarish

Weber, R. & Hureau, J. Ideal fluid flow past obstacles in an arbitrary channel: comparison of numerical and experimental results, 129–148

Winters, K. B. *See* Hogg, Winters & Ivey

Wood, D. H. & Boersma, J. On the motion of multiple helical vortices, 149–171

Wunsch, S. *See* Kerstein, Ashurst, Wunsch & Nilsen

Young, Y.-N., Tufo, H., Dubey, A. & Rosner, R. On the miscible Rayleigh–Taylor instability: two- and three-dimensions, 377–408